Tuomas Lehto and Harri Oinas-Kukkonen: Persuasive Features in Web-Based Alcohol and Smoking Interventions – A Systematic Review of the Literature

MULTIMEDIA APPENDIX 1. EXCLUDED ARTICLES (N=39) / ALCOHOL

SUMMARY OF REASONS (N):

- Brief intervention (30)
- Face-to-face components or interaction with participants (2)
- Non-RCT (2)
- Review (1)
- Protocol (1)
- Summary of proceedings (1)
- No major web component (1)
- Secondary analysis (1)

BRIEF INTERVENTION (E.G. SCREENING AND FEEDBACK) (N=30)

- 1. Bewick BM, Trusler K, Barkham M, Hill AJ, Cahill J & Mulhern B. (2008). The effectiveness of web-based interventions designed to decrease alcohol consumption--a systematic review. Preventive Medicine, 47(1), 17-26.
- 2. Bewick BM, Trusler K, Mulhern B, Barkham M & Hill AJ. (2008). The feasibility and effectiveness of a web-based personalised feedback and social norms alcohol intervention in UK university students: a randomised control trial. Addictive Behaviors, 33(9), 1192-8.
- 3. Blankers M, Koeter M & Schippers GM. (2009). Evaluating real-time internet therapy and online self-help for problematic alcohol consumers: a three-arm RCT protocol. BMC Public Health, 9, 16.
- 4. Chiauzzi E, Green TC, Lord S, Thum C & Goldstein M. (2005). My student body: a high-risk drinking prevention web site for college students. Journal of American College Health, 53(6), 263-74.
- 5. Croom K, Lewis D, Marchell T, Lesser ML, Reyna VF, Kubicki-Bedford L, et al. (2009). Impact of an online alcohol education course on behavior and harm for incoming first-year college students: short-term evaluation of a randomized trial. Journal of American College Health, 57(4), 445-54.
- 6. Cunningham JA, Humphreys K, Kypri K & van Mierlo T. (2006). Formative evaluation and three-month follow-up of an online personalized assessment feedback intervention for problem drinkers. Journal of Medical Internet Research, 8(2), e5.

- 7. Cunningham JA, Wild TC, Cordingley J, van Mierlo T & Humphreys K. (2009). A randomized controlled trial of an internet-based intervention for alcohol abusers. Addiction, 104(12), 2023-32.
- 8. Cunningham, J. A., & Van Mierlo, T. Methodological issues in the evaluation of internet-based interventions for problem drinking. Drug and Alcohol Review, 28(1), 12-17.
- 9. Cunningham, J. A., Humphreys, K., Koski-Jännes, A., & Cordingley, J. Internet and paper self-help materials for problem drinking: Is there an additive effect? Addictive Behaviors, 30(8), 1517-1523.
- 10. Doumas DM & Hannah E. (2008). Preventing high-risk drinking in youth in the workplace: a web-based normative feedback program. Journal of Substance Abuse Treatment, 34(3), 263-71.
- 11. Doumas DM, McKinley LL & Book P. (2009). Evaluation of two Webbased alcohol interventions for mandated college students. Journal of Substance Abuse Treatment, 36(1), 65-74.
- 12. Doumas, DM; Haustveit, T Reducing heavy drinking in intercollegiate athletes: Evaluation of a Web-based personalized feedback program. SPORT PSYCHOLOGIST, 22 (2): 212-228 JUN 2008
- 13. Hallett, J., Maycock, B., Kypri, K., Howat, P., & McManus, A. Development of a web-based alcohol intervention for university students: Processes and challenges. Drug and Alcohol Review, 28(1), 31-39.
- 14. Hester, RK; Squires, DD. Web-based norms for the Drinker Inventory of Consequences from the Drinker's Checkup. JOURNAL OF SUBSTANCE ABUSE TREATMENT, 35 (3): 322-327 OCT 2008
- 15. Koski-Jannes, A; Cunningham, J; Tolonen, K Self-Assessment of Drinking on the Internet--3-, 6-and 12-Month Follow-Ups. ALCOHOL AND ALCOHOLISM, 44 (3): 301-305 MAY-JUN 2009.
- 16. Koski-Jannes, A; Cunningham, JA; Tolonen, K; et al. Internet-based self-assessment of drinking 3-month follow-up data. Addictive Behaviors, 32(3), 533-542.
- 17. Kypri K, Hallett J, Howat P, McManus A, Maycock B, Bowe S, et al. (2009). Randomized controlled trial of proactive web-based alcohol screening and brief intervention for university students. Archives of Internal Medicine, 169(16), 1508-14.

- 18. Kypri K, Langley JD, Saunders JB & Cashell-Smith ML. (2007). Assessment may conceal therapeutic benefit: findings from a randomized controlled trial for hazardous drinking. Addiction, 102(1), 62-70.
- 19. Kypri K, Langley JD, Saunders JB, Cashell-Smith ML & Herbison P. (2008). Randomized controlled trial of web-based alcohol screening and brief intervention in primary care. Archives of Internal Medicine, 168(5), 530-6.
- 20. Kypri K, Saunders JB, Williams SM, McGee RO, Langley JD, Cashell-Smith ML, et al. (2004). Web-based screening and brief intervention for hazardous drinking: a double-blind randomized controlled trial. Addiction, 99(11), 1410-7.
- 21. Kypri, K. (2007). Methodological Issues in Alcohol Screening and Brief Intervention Research Methodology, trial, screening, brief intervention, alcohol, drinking. Substance Abuse, 28(3), 31. doi:10.1300/J465v28n03□04
- 22. Linke, S; McCambridge, J; Khadjesari, Z; et al. Development of a Psychologically Enhanced Interactive Online Intervention for Hazardous Drinking. ALCOHOL AND ALCOHOLISM, 43 (6): 669-674 NOV-DEC 2008
- 23. Murray E, Khadjesari Z, White IR, Kalaitzaki E, Godfrey C, McCambridge J, et al. (2009). Methodological challenges in online trials. Journal of Medical Internet Research, 11(2), e9.
- 24. Murray E, McCambridge J, Khadjesari Z, White IR, Thompson SG, Godfrey C, et al. (2007). The DYD-RCT protocol: an on-line randomised controlled trial of an interactive computer-based intervention compared with a standard information website to reduce alcohol consumption among hazardous drinkers. BMC Public Health, 7, 306.
- 25. Neighbors C, Lee CM, Lewis MA, Fossos N & Walter T. (2009). Internet-based personalized feedback to reduce 21st-birthday drinking: a randomized controlled trial of an event-specific prevention intervention. Journal of Consulting & Clinical Psychology, 77(1), 51-63.
- 26. Saitz R, Palfai TP, Freedner N, Winter MR, Macdonald A, Lu J, et al. (2007). Screening and brief intervention online for college students: the ihealth study. Alcohol & Alcoholism, 42(1), 28-36.
- 27. Schaus JF, Sole ML, McCoy TP, Mullett N & O'Brien MC. (2009). Alcohol screening and brief intervention in a college student health center: a

- randomized controlled trial. Journal of Studies on Alcohol & Drugs. Supplement, (16), 131-41.
- 28. Walters ST, Vader AM & Harris TR. (2007). A controlled trial of web-based feedback for heavy drinking college students. Prevention Science, 8(1), 83-8.
- 29. Walters, S. T., Vader, A. M., Harris, T. R., Field, C. A., & Jouriles, E. N. Dismantling motivational interviewing and feedback for college drinkers: A randomized clinical trial. Journal of Consulting and Clinical Psychology, 77(1), 64-73.
- 30. Williams, J; Herman-Stahl, M; Calvin, SL; et al. Mediating mechanisms of a military web-based alcohol intervention. Drug and Alcohol Dependence, 100(3), 248-257.

FACE-TO-FACE COMPONENTS OR INTERACTION WITH PARTICIPANTS (N=2)

- 1. Finfgeld-Connett D. (2009). Web-based treatment for rural women with alcohol problems: preliminary findings. CIN: Computers, Informatics, Nursing, 27(6), 345-53.
- 2. Newton NC, Andrews G, Teesson M & Vogl LE. (2009). Delivering prevention for alcohol and cannabis using the Internet: a cluster randomised controlled trial. Preventive Medicine, 48(6), 579-84.

NON-RCT (N=2)

- Linke, S; Murray, E; Butler, C; et al. Internet-based interactive health for intervention for the promotion of sensible drinking: Patterns of use and potential impact on members of the general public. JOURNAL OF MEDICAL INTERNET RESEARCH, 9 (2): Art. No. e10 2007
- 2. Riper H, Kramer J, Conijn B, Smit F, Schippers G & Cuijpers P. (2009). Translating effective web-based self-help for problem drinking into the real world. Alcoholism: Clinical & Experimental Research, 33(8), 1401-8.

REVIEW (N=1)

 Walters, ST; Miller, E; Chiauzzi, E Wired for wellness: e-interventions for addressing college drinking JOURNAL OF SUBSTANCE ABUSE TREATMENT, 29 (2): 139-145 SEP 2005

PROTOCOL (N=1)

1. Wallace P, Linke S, Murray E, McCambridge J & Thompson S. (2006). A randomized controlled trial of an interactive Web-based intervention for reducing alcohol consumption. Journal of Telemedicine & Telecare, 12 Suppl 1, 52-4.

SUMMARY OF PROCEEDINGS (N=1)

1. Walters ST, Hester RK, Chiauzzi E & Miller E. (2005). Demon rum: high-tech solutions to an age-old problem. Alcoholism: Clinical & Experimental Research, 29(2), 270-7.

NO MAJOR WEB COMPONENT (N=1)

1. Turrisi R, Larimer ME, Mallett KA, Kilmer JR, Ray AE, Mastroleo NR, et al. (2009). A randomized clinical trial evaluating a combined alcohol intervention for high-risk college students. Journal of Studies on Alcohol & Drugs, 70(4), 555-67.

SECONDARY ANALYSIS (N=1)

1. Riper H, Kramer J, Keuken M, Smit F, Schippers G & Cuijpers P. (2008). Predicting successful treatment outcome of web-based self-help for problem drinkers: secondary analysis from a randomized controlled trial. Journal of Medical Internet Research, 10(4), e46.